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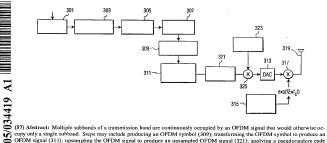
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[Continued on next page]

(54) Title: MULTI-CARRIER OFDM UWB COMMUNICATIONS SYSTEMS



(312) upsampting the Order and Signal to produce a coded OFDM signal; and upconverting (317) the coded OFDM signal to produce a radio frequency signal, wherein radio frequency signal. Alternatively, steps may include upconverting the OFDM signal to produce a radio frequency signal. Alternatively, steps may include upconverting the OFDM signal to produce a radio frequency signal. Alternatively, steps may include upconverting the OFDM signal to produce a radio frequency signal. Alternatively, steps may include upconverting the OFDM signal to produce a radio frequency signal. Alternatively, steps may include upconverting the OFDM signal to produce a radio frequency signal. Alternatively, steps may include upconverting the OFDM signal to produce a radio frequency signal. Wherein the other control of to about 4200MHz; and about 4200MHz to about 4800MHz. In another embodiment, steps may include producing a sequence of N consecutive identical OFDM symbols.

Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Raile 4 J(Till)) for the following designation AE.

 AG. AL. AM. AT. AU. AZ. BA. BB. BG. BR. BW. BY. BZ.
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